

186 6/19/90

PATENT

14/C
B. White
6-21-90
(MC)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application of

CURT I. CIVIN

Serial No. 055,942

Filed: July 1, 1987

For: HUMAN STEM CELLS AND
MONOCLONAL ANTIBODIES



RECEIVED GROUP 180

Group Art Unit: 186

JUN 21 1990

Examiner: T. Cunningham

OK - to
enter
6/28/90

AMENDMENT

Honorable Commissioner of Patents
and Trademarks
Washington, D.C. 20231

Sir:

This amendment is submitted in response to the Office Action dated March 21, 1990. Please amend the claims of the subject application as follows.

IN THE CLAIMS

Please cancel claims 1, 3, 6 and 8.

Please amend claims 2, 4 and 5 as follows:

12. (Twice Amended) A monoclonal antibody to non-malignant, immature human marrow cells that is stage specific and not lineage dependent, said antibody recognizing an antigen also recognized by the antibody produced by the hybridoma deposited under ATCC Accession No. HB-8483;

(a) [recognizing an] which antigen is present on non-malignant, human blood or bone marrow;

- (i) colony-forming cells for granulocytes and monocytes (CFC-GM),
- (ii) colony-forming cells for erythrocytes (BFU-E),
- (iii) colony forming cells for eosinophils (CFC-Eo),